



NOTES ON PREPARATION OF THE  
NONRADIOACTIVE DANGEROUS WASTE LANDFILL  
WASTE DISPOSAL DOCUMENT  
FOR YEAR 1975

1. The file copy of the Nonradioactive Dangerous Waste Landfill (NRDWL) disposal records for the operational years 1975 through 1985 were reviewed and assembled into waste disposal packets.
3. A waste disposal packet number is composed of the letter P (for packet), the last two digits of the year in which disposal took place, and a consecutively assigned three digit number starting with 001 for the first packet of each year (i.e. P75-001 or P83-001)
2. Generally, the disposal record packages contain information on the waste that was disposed only at the NRDWL. However, some waste disposal events have final disposal locations other than NRDWL, have unconfirmed disposal locations or have two or more final (partial) disposal locations. Other final disposal locations consist of the 2727-S/200W Offsite Staging Facility, United Nuclear Industries Landfill, Hanford Solid Waste Landfill, Hanford sanitary trenches, 200W burial area, or unidentified offsite locations. Retained in this document are those disposal events that identify the NRDWL as a final, partial or a uncertain disposal location. All disposal events having been identified as having been disposed of at an other facility either entirely or partially have been forwarded to that particular facility.
3. Records documenting disposal for a given year were assigned page numbers in the initial submittal of the file copy, "Manifest Records for Year 1975", on February 14, 1991. Records are numbered consecutively for each year beginning with 0000001. Generally all documents relating to a single disposal event are arranged in consecutive order. Occasionally, however, disposal packets contain related documents out of consecutive order. Some pages are related to more than one disposal event and appear in more than one waste disposal packet.
4. A cross reference table exists for this document which identifies the packet number, disposal date, file copy page numbers (from the original submittal), final disposal location, and trench number.

91112110002

100

**P75-001**

I Custodian

Building/Area INT. RD. 1720 E. 1720 E. 100 E.

Contaminated with Radioactive Material? Yes No X

## Metal

000003

Atlantic Richfield Hanford Company



1) KRP for  
action

2) Letter - copy for  
Truhler 8/15

Date: July 30, 1975

To: G. E. Backman

From: H. O. Monson

Subject: DISPOSAL OF TURCO DECON 4306C

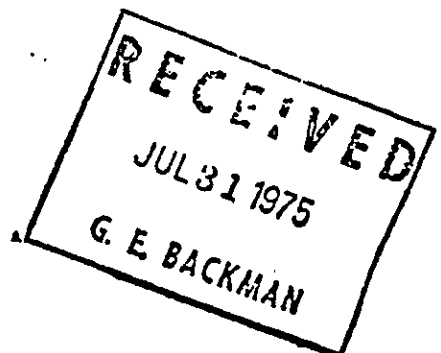
On December 1, 1971 United Nuclear Industries released 48,000 pounds of Turco Decon 4306C contained in 391 barrels to Atlantic Richfield Hanford Company for disposal. Three attempts have been made to find a buyer for this material but they have been unsuccessful. The last attempt was concluded on July 28, 1975, Public Sale 04-75. The material is stored in Building 185-B, 100-B Area. Being highly corrosive, the fumes are interacting on all metal-exposed areas. United Nuclear Industries is desirous that the material be removed, buried or destroyed so that the ecological and environmental effects will be minor.

Your expertise is required to advise us as to the method of disposal that will cause the least damage to the environs. To determine removal and handling costs, we need to know the specialized handling that will be required.

To expedite disposal we would like to receive your written instructions by August 22, 1975.

HOM:mwh

cc: JWO Ash, UNI  
JT Baker, UNI  
HO Monson  
DL Richardson  
BL Vail



00000004

**DISPOSAL PACKET NUMBER**

**P75-002**

91120006

Orig. - A. E. Clark  
C.C. - Custodian  
- K. R. Price

# REQUEST FOR DISPOSAL OF HAZARDOUS MATERIALS

## Instructions

Complete this request form by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Personnel Protection.

### I Custodian

Name FS STONG Telephone 2-2719  
Building/Area 271 T / 200 W

### II Identification of Material

Trade Name 2 Misc. small containers of old  
Chemical Name Laboratory chemicals  
Storage Location Basement 271 T  
Contaminated with Radioactive Material? Yes        No X

### III Packaging

Physical Form: Liquid X Number of Containers numerous per  
Solid X Weight        each in 55 gal  
Gas        Volume        each  
Compressed Gas       

Age of Container Unknown

Container: Glass         
Wood, Fiber, Plastic         
Metal 55 gal drums for burial - 3 drums

### IV Reason for Disposal

old, uncertain history, unusable  
        
      

Date Disposal Required by ASAP

### V Comments

(acid, caustic, flammable, toxic, etc.)

List of specific materials in each drum  
supplied to J. L. Calder, E. 5/05  
      

Approved for Disposal:

Date 11-13-75

By K. R. Price

Burned at Central Fairfield

Date 11-13-1975

By M. M. Black

Atlantic Richfield Hanford Company  
Federal Building  
Richland, Washington 99352  
Telephone 509 942 7411



October 30, 1975

Battelle Memorial Institute  
Pacific Northwest Laboratory  
Richland, Washington 99352

Attention: Mr. T. J. McLaughlin, Engineer  
Occupational and Environmental  
Safety Department

Subject: DISPOSAL OF UNKNOWN WASTE

Gentlemen:

There isn't any problem in disposing of your unknown laboratory waste to the Central Landfill. Please make sure the carcinogens are excluded from the waste before it goes to the Central Landfill. As per our conversation, Mr. M. E. Clark of Transportation, Utilities, Maintenance, Services is your contact for the disposal arrangements. Please keep us advised as to the disposition of the waste.

Yours truly,

J. L. Calder, III  
Environmental Engineer  
Environmental and Occupational Safety Department

JLC:pvb

cc: GE Backman  
JL Calder III ✓  
ME Clark  
RI Grob  
KR Price

*Lab waste sent to landfill. Please see me if  
lost. Unusually quantities in 2600 bottles.*

1000000





Pacific Northwest Laboratories

Project Number \_\_\_\_\_

Internal Distribution

Date November 12, 1975

To EA Weakley

From TJ McLaughlin *TJ McLaughlin*

Subject Request for Chemical Disposal Assistance

JL Calder (w/o enc)  
PFX Dunigan, Jr. (w/o enc)  
JH Soehnlein (w/o enc)  
File/LB

Enclosed please find four "Chemical Waste Disposal Permit" applications as supplied by your office. The applications were completed separately according to physical location of the wastes for accounting purposes.

As you may note, laboratory quantities of organic acids comprise the largest disposal request. This is due to the present inadequacy of Hanford hazardous waste management practices to handle such wastes. Other Battelle chemicals are disposed through burial and treatment systems provided by ARHCO and by in-house neutralization techniques.

Any cooperation you could render would be most appreciated. We look forward to working with you in this matter.

/mh

0000002

**DISPOSAL PACKET NUMBER**

**P75-003**

9112120019

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

## INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

### I. CUSTODIAN

NAME W. J. Bachmann / DE Rutherford TELEPHONE 942-7169

BUILDING/AREA 1171 Building, 1100 Area

### II. IDENTIFICATION OF MATERIAL

TRADE NAME Used Battery Acid

CHEMICAL NAME Electrolyte

STORAGE LOCATION 1171 Battery Acid Disposal Dump

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES        NO X

### III. PACKAGING

LIQUID        SOLID X GAS       

NUMBER OF CONTAINERS        WEIGHT        EA. VOLUME 2 yds EA.

TYPE OF CONTAINER Not Applicable AGE OF CONTAINER       

### IV. REASON FOR DISPOSAL

To remove gravel saturated with battery acid

### V. DATE DISPOSAL REQUIRED

12-11-75

### VI. COMMENTS

Gravel saturated with battery acid

APPROVED FOR DISPOSAL

BY [Signature]

DATE 12-9-75

DISPOSAL LOCATION Central Landfill

BY [Signature]

DATE 12-11-75

0000005

**DISPOSAL PACKET NUMBER**

**P75-004**

911200012

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

## INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

### I. CUSTODIAN

NAME Kathy Probasco TELEPHONE 946-2044

BUILDING/AREA ISL II/3000

### II. IDENTIFICATION OF MATERIAL

TRADE NAME \_\_\_\_\_

CHEMICAL NAME Variety of waste chemicals

STORAGE LOCATION PS Loading Dock

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES \_\_\_\_\_ NO X

### III. PACKAGING

LIQUID X SOLID X GAS \_\_\_\_\_

NUMBER OF CONTAINERS ~700 WEIGHT 50 lbs. EA. VOLUME 2.5 ft<sup>3</sup> EA.

TYPE OF CONTAINER 55/30 gallon barrel AGE OF CONTAINER 2-10 years

### IV. REASON FOR DISPOSAL

No longer useful chemicals

### V. DATE DISPOSAL REQUIRED

12/12/75

### VI. COMMENTS

Small quantities of organics present.

APPROVED FOR DISPOSAL  
BY J. S. Calder

DATE 12/9/75

DISPOSAL LOCATION Central Landfill

BY D. B. [unclear] (Laughey) 0000006

DATE 12-11-75

Date December 9; 1975

To JL Calder

From TJ McLaughlin

Subject Waste Chemicals to be Picked Up at P.S.B. Loading Dock

The chemicals listed below are ready for disposal:

- (8) jars of unknown liquids
- 100 ml phenyl isocyanate
- 1 Jar of 2, 7, Dichlorofloresceine Spray Reagent
- 1 Plastic Container NHy MB
- 216 Solvent Extracts 100 ml ea.
- 400 Scintillation Vials 25 ml ea.
- 12 Chunks of Sediment Contained in Plastic Containers
- 100 Vials of Unknown
- 4 Small Bottles Crude Oil
- 8 lt. (2 gal.) Crude Sludge
- 1 lt. Formamide Liquid
- 1 lt. HCL acid in Metal Container
- 15 lb Jars of Phosphorous Pentoxide (granular)

0000007

Atlantic Richfield Hanford Company  
Federal Building  
Richland, Washington 99352  
Telephone 509 942 7411



October 30, 1975

Battelle Memorial Institute  
Pacific Northwest Laboratory  
Richland, Washington 99352

Attention: Mr. T. J. McLaughlin, Engineer  
Occupational and Environmental  
Safety Department

Subject: DISPOSAL OF UNKNOWN WASTE

Gentlemen:

There isn't any problem in disposing of your unknown laboratory waste to the Central Landfill. Please make sure the carcinogens are excluded from the waste before it goes to the Central Landfill. As per our conversation, Mr. M. E. Clark of Transportation, Utilities, Maintenance, Services is your contact for the disposal arrangements. Please keep us advised as to the disposition of the waste.

Yours truly,

J. L. Calder, III  
Environmental Engineer  
Environmental and Occupational Safety Department

JLC:pvb

cc: GE Backman  
JL Calder III ✓  
ME Clark  
RI Groh  
KR Price

*Lab waste. Not to be used for anything other than  
lab. Unusual quantities in 2nd bottles.*

1000000



Project Number \_\_\_\_\_

Internal Distribution

Date November 12, 1975

To EA Weakley

From TJ McLaughlin

Subject Request for Chemical Disposal Assistance

JL Calder (w/o enc)  
PFX Dunigan, Jr. (w/o enc)  
JH Soehnlein (w/o enc)  
File/LB

Enclosed please find four "Chemical Waste Disposal Permit" applications as supplied by your office. The applications were completed separately according to physical location of the wastes for accounting purposes.

As you may note, laboratory quantities of organic acids comprise the largest disposal request. This is due to the present inadequacy of Hanford hazardous waste management practices to handle such wastes. Other Battelle chemicals are disposed through burial and treatment systems provided by ARHCO and by in-house neutralization techniques.

Any cooperation you could render would be most appreciated. We look forward to working with you in this matter.

/mh

0000002



**DISPOSAL PACKET NUMBER**

**P75-005**

9112-10017

Internal Distribution

EH Phinney w/o enc.  
JH Soehnlein w/o enc.  
FB Steele w/o enc.  
HC Stidham w/o enc.

Date November 18, 1975

To JL Calder

From TJ McLaughlin *TJ McLaughlin*

Subject Chemicals Packaged in 242-B Pending Burial

The following chemicals were placed into a 55 gallon drum for disposal purposes on November 17, 1975. All were solids except two unknown liquids.

Chemical	Quantity	No. Containers	Container Size
Aluminum (powder)	13.0 lb.	4	4/1 lb.
Calcium chloride	1.0 lb.	1	1 lb.
Soda lime	1.0 lb.	1	1 lb.
Sea sand	2.5 lb.	3	1 lb.
Phosphoric acid (granular)	19.0 lb.	21	1 lb.
Sodium oxalate	11.0 lb.	12	1 lb.
Pentasodium diethylene-triamine pentaacetate	0.8 lb.	1	1 lb.
Ethylene diamine	0.5 lb.	1	3 Kg
tetraacetic acid			
Oxalic acid (granular)	2.5 lb.	2	5/1 lb.
Manganous sulfate	1.0 lb.	1	1 lb.
Magnesium sulfate (anhydrous)	0.75 lb.	1	1 lb.
Silica gel	25.0 lb.	1	25 lb.
Sodium carbonate	4.0 lb.	4	1 lb.
Acridine	1.0 lb.	1	1 Kg
8-Quinolinol	1.0 lb.	1	1 Kg
8-Hydroxy-7-iodo-5-quinoline sulfonic acid	0.1 lb.	1	100 g
Sulfamic acid	0.5 lb.	2	100 g
Magnesium oxide	0.75 lb.	1	1 lb.
Potassium dichromate	0.75 lb.	1	1 lb.
Potassium iodide	1.0 lb.	1	1 lb.
Potassium permagnate	3.0 lb.	3	1 lb.
Thenoxitrifluoro acetone	0.5 lb.	1	1 lb.
Calcium carbonate	1.0 lb.	1	1 lb.
Phosphorous acid (granular)	0.25 lb.	1	1 lb.
Unknown liquid	10.0 lb.	1	10 lb.
Unknown liquid	0.1 lb.	1	0.1 lb.

The drum was placed just outside the west door of 242-B.

I am enclosing an ARHCO "Request for Disposal of Hazardous Materials form for the chemicals.

As I mentioned in our recent telephone conversation, I would like to coordinate this barrel pick up with others to reduce transport charges.

0000009

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

## INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

### I. CUSTODIAN

NAME Fred Steele TELEPHONE 942-2233  
BUILDING/AREA 242-B/200-E

### II. IDENTIFICATION OF MATERIAL

TRADE NAME See enclosed memo  
CHEMICAL NAME \_\_\_\_\_  
STORAGE LOCATION 242-B  
CONTAMINATED WITH RADIOACTIVE MATERIAL? YES \_\_\_\_\_ NO X

### III. PACKAGING

LIQUID \_\_\_\_\_ SOLID X GAS \_\_\_\_\_  
NUMBER OF CONTAINERS 1 WEIGHT ~ 100 EA. VOLUME 3 ft<sup>3</sup> EA.  
TYPE OF CONTAINER metal AGE OF CONTAINER > 5 yrs.

### IV. REASON FOR DISPOSAL

No longer useful chemicals that no other researches want.

### V. DATE DISPOSAL REQUIRED

December 1, 1975

### VI. COMMENTS

Some granular acids present.

APPROVED FOR DISPOSAL

BY [Signature]

DATE 11/21/75

DISPOSAL LOCATION Central Landfill

BY [Signature] (Z-0000010)

DATE 12-11-75

Atlantic Richfield Hanford Company  
Federal Building  
Richland, Washington 99352  
Telephone 509 942 7411



October 30, 1975

Battelle Memorial Institute  
Pacific Northwest Laboratory  
Richland, Washington 99352

Attention: Mr. T. J. McLaughlin, Engineer  
Occupational and Environmental  
Safety Department

Subject: DISPOSAL OF UNKNOWN WASTE

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Yours truly,

J. L. Calder, III  
Environmental Engineer  
Environmental and Occupational Safety Department

JLC:pvb

cc: GE Backman  
JL Calder III ✓  
ME Clark  
RI Grob  
KR Price

*Lab waste. Let it be disposed of in the  
1st. Universal precautions in 2nd bottles.*

1000000



**Battelle**

Pacific Northwest Laboratories

Project Number \_\_\_\_\_

Internal Distribution

Date November 12, 1975

To EA Weakley

from TJ McLaughlin

*TJ McLaughlin*

Subject Request for Chemical Disposal Assistance

JL Calder (w/o enc)  
PFX Dunigan, Jr. (w/o enc)  
JH Soehnlein (w/o enc)  
File/LB

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Any cooperation you could render would be most appreciated. We look forward to working with you in this matter.

/mh

0000002

**DISPOSAL PACKET NUMBER**

**P75-006**

911210022

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

## INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

### I. CUSTODIAN

NAME L F Lust *eff* TELEPHONE 2-3011

BUILDING/AREA 325/300

### II. IDENTIFICATION OF MATERIAL

TRADE NAME \_\_\_\_\_

CHEMICAL NAME Trichloroethylene

STORAGE LOCATION 325/ Rm 528

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES \_\_\_\_\_ NO X

### III. PACKAGING

LIQUID X SOLID \_\_\_\_\_ GAS \_\_\_\_\_

NUMBER OF CONTAINERS 1 WEIGHT \_\_\_\_\_ EA. VOLUME 55 gal EA.

TYPE OF CONTAINER Drum AGE OF CONTAINER Unknown  
Looks fairly new. Painted.

### IV. REASON FOR DISPOSAL

No longer usable - polluted  
with oil.

### V. DATE DISPOSAL REQUIRED

### VI. COMMENTS

Used in Tech Shop for degreasing  
metal

APPROVED FOR DISPOSAL

BY J. J. [Signature]

DATE 12/16/75

DISPOSAL LOCATION Central Landfill

BY Bob Gregory

DATE 12-22-75

0000011